



## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### TECHNICAL COMMITTEE No. 80: Maritime navigation and radiocommunication equipment and systems

**Draft Agenda for the meeting  
to be held in Southampton, UK  
from September 27<sup>th</sup> to 29<sup>th</sup>, 1999.**

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- 1 Opening of the meeting
  - 2 Approval of the agenda (document 80/230/DA)
  - 3 To confirm the minutes of the meeting held in Brussels, Belgium, 80/162/RM – November 1997
  - 4 Matters arising
  - 5 Meetings of the TC 80 Working Groups during the Plenary meeting:
    - 5.1 WG 5 – General requirements (revision of IEC 60945)
    - 5.2 WG10 – Integrated navigation systems (INS) [future IEC 61924]
  - 6 Reports from the Working Groups \*
    - 6.1 WG 1 - Radar/ARPA (Convenor UK) [IEC 60872 and IEC 60936]
    - 6.2 WG 1A- Track control (Convenor Germany) [IEC/ISO 62065]
    - 6.3 WG 4 - Position fixing aids (Convenor France) [IEC 61075]
    - 6.4 WG 4A- Global navigation satellite systems (GNSS)  
(Convenor UK)[IEC 61108]
    - 6.5 WG 5 - General requirements (Convenor UK) [IEC 60945]
    - 6.6 WG 6 - Digital interfaces (Convenor UK) [IEC 61162]
    - 6.7 WG 8 - Global maritime distress and safety system (GMDSS)  
(Convenor CIRM) [IEC 61097]
    - 6.8 WG 8A- Automatic identification system (AIS) (Convenor CIRM) [IEC 61993]
    - 6.9 WG 10 - Integrated navigation systems (INS) (Convenor Italy)  
[IEC 61924]
    - 6.10 WG 11 - Voyage data recorders (VDR) (Convenor UK) [IEC 61996]
    - 6.11 Speed and distance measuring equipment (SDME) (Convenor secretary TC 80)  
[IEC 61023]
  - 7 Consideration of new work items
    - 7.1 Small boat radar
    - 7.2 ECS equipment
    - 7.3 Merging of radar and radar plotting standards
  - 8 Review of IEC TC 80 standards (maintenance cycles).

\* Current document references are given in the annex (programme of work of TC 80). The latest references can be obtained from the IEC web site ([www.iec.ch](http://www.iec.ch)).

- 9 Liaison between TC 80 and other IEC Committees (TC 18 and TC 102)
- 10 Liaison between TC 80 and ISO/TC 8
  - 10.1 SC 5 – Ship's bridge layout [ISO 14612]
  - 10.2 SC 6 – Navigation
    - .1 Compasses [ISO/IEC 16328 and ISO 11606]
    - .2 Autopilots (heading control systems)[ISO/IEC 11674 and ISO/IEC 16329]
    - .3 Echo sounders [ISO 9875]
    - .4 Night vision equipment [ISO/IEC 16273]
  - 10.3 SC 10 – Computer applications
    - .1 Fleet management network [ISO 15849]
- 11 Liaison between IEC TC 80 and other Organizations
  - 11.1 ETSI
  - 11.2 CENELEC
  - 11.3 CEN
- 12 Progress in International harmonization
- 13 Any other business
- 14 Date and location of the next meeting
- 15 Close of the meeting

## NOTES

- 1 It is anticipated that the Plenary meeting will commence at 0900 hrs on September 27<sup>th</sup>.
- 2 There should be the equivalent of two full days, between Plenary sessions, for the Working Groups 5 and 10 to meet.
- 3 Secretary TC 80 would appreciate copies of the reports of the Working Groups from the Convenors before the commencement of the meeting on September 27<sup>th</sup>, by FAX, MAIL or e-mail as appropriate.
- 4 With regard to agenda item 7 – consideration of new work items. It is the intention of Secretary TC 80 to circulate new work item proposals about three months before the meeting, to allow advance consideration, and discussion and, if appropriate, voting at the Plenary meeting. Any additional proposals should be sent to the Secretary well in advance of the meeting.
- 5 Secretary TC 80 will circulate a draft programme for the maintenance cycles of current TC 80 standards within the next two months, with the aim of gaining agreement at the Plenary meeting.

Annex : Programme of work of TC 80, as of 1999-05-04

# Work Programme for TC 80 (as of 1999-05)

1999-05-04 11:49

IEC CENTRAL OFFICE - PROGRAMME OF WORK FOR TC/SC 80

Project	Stage	Document Reference	Init	Current Stage	Next Stage	Mod	PPUB Stage	R.Pub Stage	Project Leader
IEC 60872-3 Ed.1.0	CCDV	80/227/CDV	93-12	99-04	99-12	0	01-01	?	R. G. Lee

WG(s): 01

Title: Maritime navigation and radiocommunication equipment and systems  
- Radar plotting aids - Part 3: Electronic plotting aid (EPA) -  
Performance requirements - Methods of testing and required test  
results

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IEC 60936-1 Ed.1.0	CCDV	80/209/CDV	93-12	98-11	99-07	1	00-05	00-03	R.G. Lee
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WG(s): 01

Title: Maritime navigation and radiocommunication equipment and systems  
- Radar - Part 1: Shipborne radar - Performance requirements -  
Methods of testing and required test results

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IEC 60936-3 Ed.1.0	ACDV	80(Sec.)82/NP	93-12	98-03	99-06	0	00-12	00-12	R.G. Lee
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WG(s): 01

Title: Maritime navigation and radiocommunication equipment and systems  
- Radar - Part 3: Shipborne radar with chart facilities - Methods  
of testing and required test results

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IEC 60936-4 Ed.1.0	ACDV	80(Sec.)82/NP	93-12	98-03	99-09	0	01-03	01-03	R.G. Lee
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WG(s): 01

Title: Maritime navigation and radiocommunication equipment and systems  
- Radar - Part 4: Shipborne radar - ECDIS back-up - Methods of  
testing and required test results

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IEC 60945 Ed.4.0	ANW	80/155/NP	97-11	97-11	99-11	0	00-07	01-07	K.P. Fisher
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WG(s): 05

Title: Maritime navigation and radiocommunication equipment and systems  
- General requirements - Methods of testing and required test  
results

IEC 61023 Ed.2.0	CDIS	80/214/FDIS	97-11	99-04	99-07	0	99-09	99-05	P.F.C Griffiths
WG(s):									
Title: Maritime navigation and radiocommunication equipment and systems - Marine speed and distance measuring equipment (SDME) - Performance requirements - Methods of testing and required test results									
IEC 61075 Ed.2.0	ANW	80/123/NP	96-06	96-06	98-06	0	98-01	98-01	L. Laborde
WG(s): 04									
Title: Loran-C receivers for ships - Minimum performance standards - Methods of testing and required test results (Revision of IEC 1075)									
IEC 61097-10 Ed.1.0	CDIS	80/216/FDIS	91-04	99-02	99-05	0	99-07	96-04	C. Cobley
WG(s): 08									
Title: Maritime navigation and radiocommunication equipment and systems - Global maritime distress and safety system (GMDSS) - Part 10: Inmarsat-B Ship earth station equipment - Operational and performance requirements - Methods of testing and required test results									
IEC 61108-1 Ed.2.0	ANW	80/218/NP	99-04	99-04	99-12	0	04-04	01-04	R. G. Lee
WG(s): 4A									
Title: Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 1: Global positioning system (GPS) - Receiver equipment - Performance requirements, methods of testing and required test results									
IEC 61162-1 Ed.2.0	CCDV	80/203/CDV	98-11	98-11	99-07	0	00-09	03-11	M. P. Fox
WG(s): 06									
Title: Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners									
IEC 61162-4 f1 Ed.1.0	1CD	80/175/CD	93-12	98-01	98-05	0	98-12	?	M.P.Fox
WG(s): 06									
Title: Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 4: Multiple talker and multiple listeners - Ship control network - Fragment 1: Introduction and general principles									

IEC 61162-4 f2 Ed.1.0 1CD 80/176/CD 93-12 98-01 98-05 0 98-12 ? M.P.Fox

WG(s): 06

Title: Maritime navigation and radiocommunication equipment and systems  
 - Digital interfaces - Part 4: Multiple talker and multiple  
 listeners - Ship control network - Fragment 2: Protocol  
 definition

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IEC 61924 Ed.1.0 ANW 80/119/NP 96-03 96-03 98-08 1 98-06 98-06 E. Forte

WG(s): 10

Title: Integrated navigation systems(INS)

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IEC 61996 Ed.1.0 CCDV 80/223/CDV 97-02 99-03 99-11 0 00-12 00-02 C J Winkley

WG(s): 11

Title: Maritime navigation and radiocommunication equipment and systems  
 - Shipborne voyage data recorder (VDR) - Performance requirements  
 - Methods of testing and required test results

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IEC 62065 Ed.1.0 ANW 80/161/NP 97-12 97-12 99-12 0 01-05 01-05 R. G. Lee

WG(s): 01

Title: Maritime navigation and radiocommunication equipment and systems  
 - Track control systems - Methods of testing and required test  
 results

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ISO/IEC 11674 Ed.1.0 CCDV 80/219/CDV 83-07 98-12 99-08 0 00-10 ?

WG(s):

Title: Ships and marine technology - Heading control systems

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